New U.S. Patent Application Inventor(s): Paul J. GLATKOWSKI

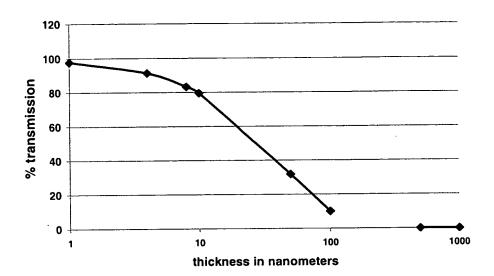
Title: "Optically Transparent Nanostructured

Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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Figure 1

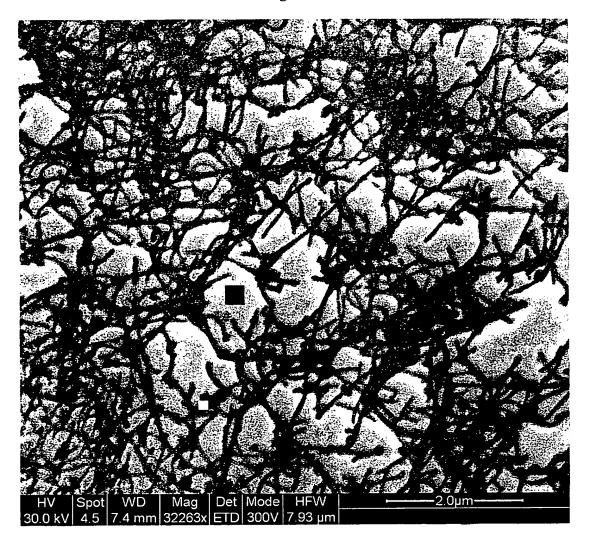


New U.S. Patent Application Inventor(s): Paul J. GLATKOWSKI Title: "Optically Transparent Nanostructured Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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Figure 2



New U.S. Patent Application

Inventor(s): Paul J. GLATKOWSKI

Title: "Optically Transparent Nanostructured

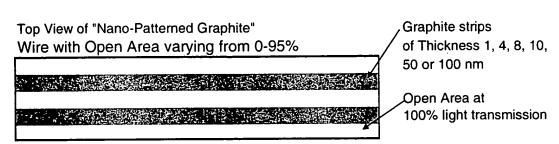
Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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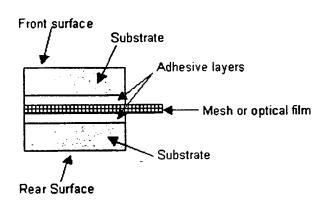
Figure 3

(A)



Light transmission is normal to top surface. Current flow is parallel with Graphite wires.

(B)



New U.S. Patent Application

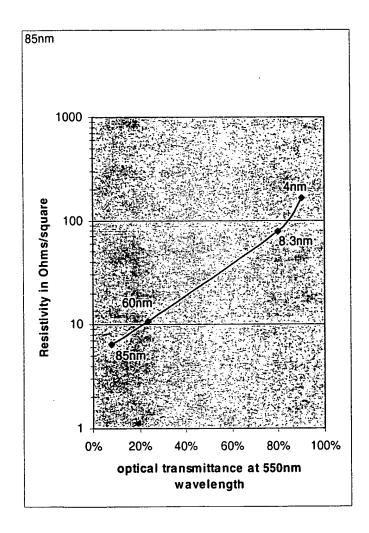
Inventor(s): Paul J. GLATKOWSKI
Title: "Optically Transparent Nanostructured

Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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Figure 4

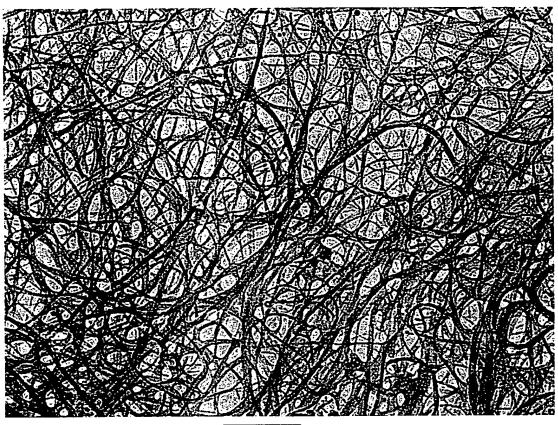


New U.S. Patent Application
Inventor(s): Paul J. GLATKOWSKI
Title: "Optically Transparent Nanostructured
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Figure 5

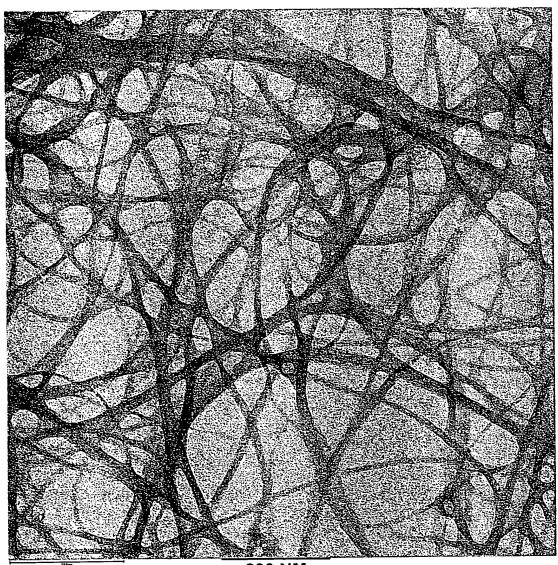


250 NM

New U.S. Patent Application Inventor(s): Paul J. GLATKOWSKI Title: "Optically Transparent Nanostructured

Electrical Conductors" Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500 Sheet 6 of 10

Figure 6



200 NM

New U.S. Patent Application Inventor(s): Paul J. GLATKOWSKI

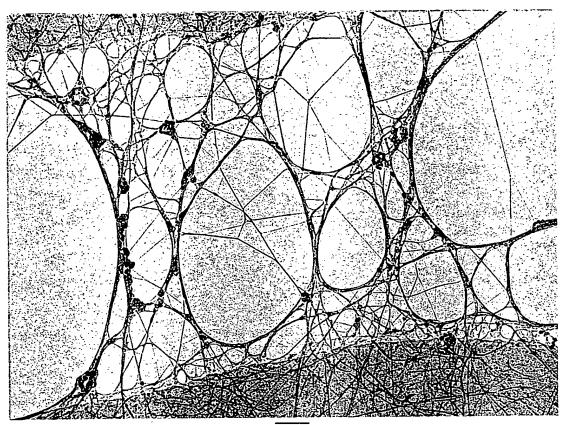
Title: "Optically Transparent Nanostructured

Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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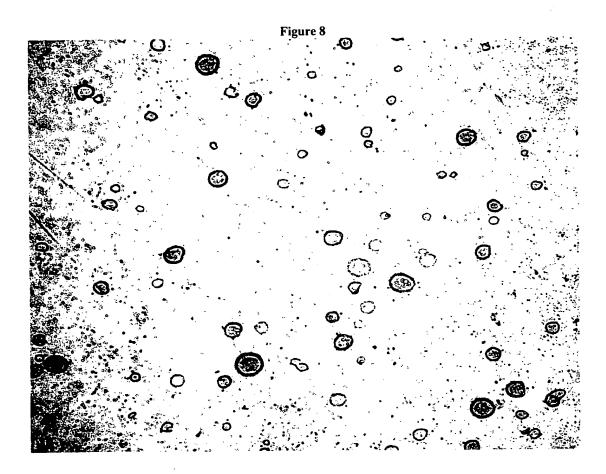
Figure 7



. 500 NM

New U.S. Patent Application
Inventor(s): Paul J. GLATKOWSKI
Title: "Optically Transparent Nanostructured
Electrical Conductors"
Filing Date: December 8, 2003
Attorney Dkt. No.: 544392001500

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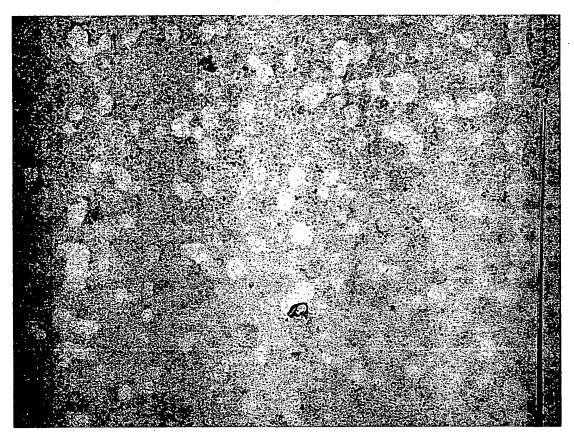


New U.S. Patent Application Inventor(s): Paul J. GLATKOWSKI Title: "Optically Transparent Nanostructured Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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Figure 9



New U.S. Patent Application Inventor(s): Paul J. GLATKOWSKI

Title: "Optically Transparent Nanostructured

Electrical Conductors"

Filing Date: December 8, 2003 Attorney Dkt. No.: 544392001500

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Figure 10

